

FORM PTO-1449
(REV.7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500792.05APPLICATION NO. 10/043682
Not yet assigned

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Timothy B. Cowles et al.

FILING DATE

Concurrently herewith

GROUP ART UNIT

2824
Not yet assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VTN	AA	5,781,483	7/14/98	Shore	365	200	
VTN	AB	5,953,266	9/14/99	Shore	365	200	
VTN	AC	5,966,334	10/12/99	Shore	365	200	
VTN	AD	6,023,432	2/8/00	Shore	365	200	
VTN	AE	6,044,029	3/28/00	Shore	365	200	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

vanthuynguyen

DATE CONSIDERED

1/16/03

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
500792.05APPLICATION NO.
10/043,682

INFORMATION DISCLOSURE STATEMENT

MAR 25 2002

(Use several sheets if necessary)
COPY OF PAPERS
ORIGINALLY FILED

APPLICANT(S)

Timothy B. Cowles et al.

FILING DATE

January 10, 2002

GROUP ART UNIT

2824

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VTN	AA	5,321,662	06/14/94	Ogawa	365	222	
VTN	AB	5,828,619	10/27/98	Hirano et al.	365	222	
VTN	AC	6,104,641	08/15/00	Itou	365	189.01	
VTN	AD	6,134,167	10/17/00	Atkinson	365	222	
VTN	AE	6,246,619 B1	06/12/01	Ematrudo et al.	365	201	
	AF						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE STATEMENT

JUL 15 2002

(Attach additional sheets if necessary)

APPLICANT(S)

Timothy B. Cowles et al.

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January 10, 2002

GROUP ART UNIT

2824

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VTN	AA	4,961,167	10/02/90	Kumanoya et al.	365	189.09	
VTN	AB	5,475,645	12/12/95	Wada	365	222	
	AC						
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